

Subst. Form PTO-1449 APPLICANT'S(S') INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. : CWR 2 0315	Serial No.: Unknown
	Applicant(s): Wernet et al.	
	Filing Date: HEREWITH	Group: Unassigned

U.S. PATENT DOCUMENTS

Initial*		Document No.	Date	Name	Class	Subcl.	Filing Date
AB	AA	5,701,172	Dec. 1997	Azzazy			JC997 U.S. PTO 09/05/97
	AB						05/24/01
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FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subcl.	Translation?
	AM						
	AN						
	AO						

OTHER ART

AB	AP	"An LDA Technique for In Situ Simultaneous Velocity and Size Measurement of Large Spherical Particles in a Two-Phase Suspension Flow" by S. L. Lee and J. Srinivasan, <u>J. Multiphase Flow</u> , Vol. 8, No. 1, pp.47-57, 1982.
AB	AQ	"Droplet sizing interferometry: a compairson of the visibility and phase/Doppler techniques" by T. A. Jackson and G. S. Samuelsen, <u>Applied Optics</u> , Vol. 26, No. 11, pp. 2137-2143, June 1987.
AB	AR	"Phase/Doppler spray analyzer for simultaneous measurements of drop size and velocity distributions" by W. D. Bachalo and M. J. Houser, <u>Optical Engineering</u> , Vol. 23, No. 5, pp. 583-590, September/October 1984.
AB	AS	"Droplet Sizing Using the Shifrin Inversion" by R. Albert and P. V. Farrell, <u>Journal of Fluids Engineering</u> , Vol. 116, pp. 357-362, June 1994.
AB	AT	"Full-field diffraction particle sizing" by M. A. Coil and P. V. Farrell, <u>Applied Optics</u> , Vol. 34, No. 33, pp. 7771-7786, 20 November 1995.

Examiner:

*Brandi Bhattacharya*Date Considered: *4/2/04*

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.

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AB	AU	"Particle Sizing Using a Two-Dimensional Image" by P. V. Farrell, <u>SAE Paper 910725</u> , pp. 1273-1283, 1991.
AB	AV	"Development of Particle Image Velocimetry for Multiphase Flow Diagnostics" by V. Palero and P. Arroyo, <u>Journal of Visualization</u> , Vol. 1, No. 2, pp. 171-181, 1998.
AB	AW	"Particle displacement tracking technique and Cramer-Rao lower bound error in centroid estimates from CCD imagery" by Mark. P. Wernet and A. Pline, <u>Thirteenth Symposium on Turbulence</u> sponsored by University of Missouri-Rolla, September 21-23, 1992.
AB	AX	"Fundamentals of digital particle image velocimetry" by J. Westerweel, <u>Meas. Sci. Technol.</u> , V. 8, pp. 1379-1392, 1997.
AB	AY	"Glare spot image calculations for a spherical particle illuminated by a tightly focused beam" by S. A. Schaub, D. R. Alexander, and J. P. Barton, <u>J. Opt. Soc. Am.</u> , Vol. 9, No. 2, pp. 316-330, February 1992.
AB	AZ	"Glare points" by H. C. van de Hulst and R. T. Wang, <u>Applied Optics</u> , Vol. 30, No. 33, pp. 4755-4763, 20 November 1991.
AB	BA	"Non-Debye enhancements in the Mie scattering of light from a single water droplet" by James A. Lock and Judith R. Woodruff, <u>Applied Optics</u> , Vol. 28, No. 3, pp. 523-529, 1 February 1989.
AB	BB	"Observation of optical resonances of dielectric spheres by light scattering" by A. Ashkin and J. M. Dziedzic, <u>Applied Optics</u> , Vol. 20, No. 10, pp. 1803-1814, 15 May 1981.
AB	BC	"Planar Measurements of Droplet Velocities and Sizes Within a Simplex Atomizer" by D. C. Herpfer and S. Jeng, <u>AIAA Journal</u> , Vol. 35, No. 1, pp. 127-132, January 1997.
AB	BD	"Multi-Intensity-Layer PIV application to a practical burner" by N. Yamada, Y. Ikeda and T. Nakajima, <u>10th International Symposium on the Application of Laser Techniques to Fluid Mechanics</u> , paper 30.4, Lisbon, Portugal, 2000.
AB	BE	"Particle Size Determination by Fourier Transform of Scattered Light" by R. F. Crouse and P. Latimer, <u>Proc. 2nd Int. Cong. Opt. Part. Siz</u> , Tucson, Arizona, 1990.
AB	BF	"Reflectography Applied to Optical Particle Sizing: Theoretical and Experimental Approaches", <u>Proc. 2nd Int. Cong. Opt. Part. Siz</u> , Tuscon, Arizona, 1990.
AB	BG	"Laser Sheet Dropsizing of dense sprays" by P. Le Gal, N. Farrugia, and D. A. Greenhalgh, <u>Optics & Laser Technology</u> , V. 31, pp. 75-83, 1999.
AB	BH	"Theory of the observations made of high-order rainbows from a single water droplet" by J. A. Lock, <u>Applied Optics</u> , V. 26, No. 24, pp. 5291-5298, 15 December 1987.

Examiner:

*Anand Bhattachar*Date Considered: *4/2/04*

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